

Department of Genetics
University of Wisconsin
Madison 6, Wisconsin, U.S.

May 4, 1951.

Dr. J. S. K. Boyd,
Wellcome Laboratories of Tropical Medicine,
London, England.

Dear Dr. Boyd:

I read your paper on "The Symbiotic Bacteriophages of *Salmonella typhi-murium*" (J. Path. Bact. 62:501-517) with great interest. Incidentally to genetic studies along rather different lines, one of my students (Mr. Zinder) has had occasion to study the type cultures of ~~lilleengen~~ Lilleengen's collection with respect to their lysogenicity. It was very soon apparent that the resistance patterns were dependent on the set of lysogenic phages present rather more than upon the intrinsic or genotypic resistance patterns. In addition, it was possible to alter the apparent phage type of many of the cultures by superinfecting them with phages from other cultures. This might be as much of a complication in typing on the basis of the symbiotic phages as on the resistance patterns but the former is certainly technically more satisfactory.

Would it be possible for you to send us two reprints of this paper? I would also appreciate the favor if we could have the indicator strains (1404 and 1411) used in your studies. Like yourself, we have had some difficulty in collecting likely uninfected cultures, and are not satisfied with the indicators presently available.

May I anticipate your assistance on this matter with my thanks,

Sincerely,

Joshua Lederberg,
Associate Professor of Genetics